1947 MOUNT DIABLO W6CX AMATEUR RADIO CLUB WWW.MDARC.ORG

THE CARRIER

The monthly newsletter for the Mount Diablo Amateur Radio Club

Volume LXXIV - Number 9 – September 2025

Friday September 19, 2025
7pm
License Testing 5:30pm

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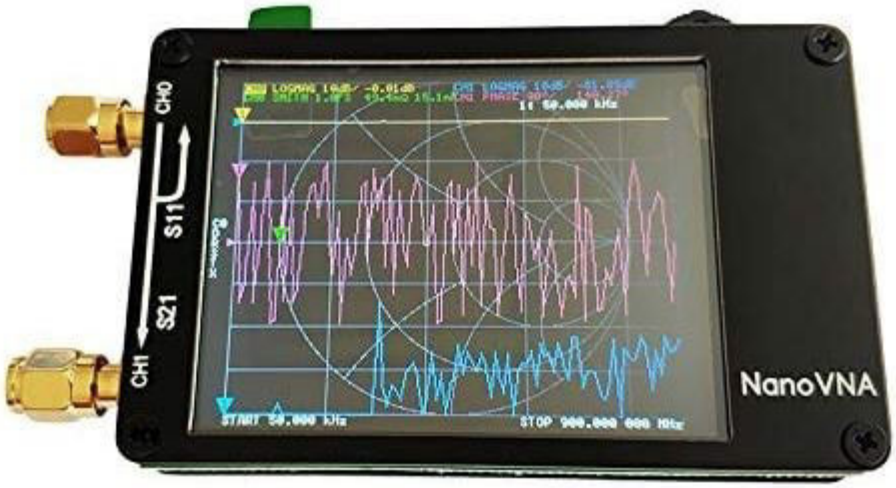
THIS MONTH

The NanoVNA

by Rob Rowlands, NZ6J

NZ6J is a semi-retired electrical engineer from New Zealand, but is involved in teaching RF and selling part time. Rob has been licensed since 1963 when his first call was ZL3TAR. He is interested in Mountain top operating, APRS and public service events.



Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement.

We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to info@mdarc.org.

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:

https://groups.io/g/MDARC

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Mount Diablo Amateur Radio Club W6CX
P.O. Box 23222 Pleasant Hill, CA 94523
(925) 288-1730 info@mdarc.org

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Larry Bradley, KK6QPE
Vice President - Michael Papp, WB6GJE
Secretary – Brian Lotter, KM6NGS
Treasurer - Barbara Whysong, K6WHY
Emergency Coordinator - Larry Loomer, KI6LNB

Directors At Large
Trevor Hall, WA6JAU
Mark Fehlig WA6NGC
Cal Vasquez, K6VT
Mike Warren, W6MEW

Membership Chair – Jan Kulisek, KM6NFC
mdarcmembership@mdarc.org

PACIFICON 2025

Chair: Julie Mah, WJ8MAH
Registration: Jim Marchetti, KD7G
Treasurer: Barbara Whysong, K6WHY
Secretary: Jeff Mah, N8MAH

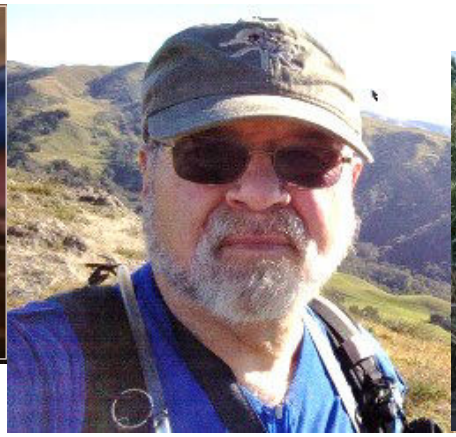
COMMITTEE CHAIRS AND COORDINATORS

Annual Auction - **vacant**
Communications Trailer - Mike Warren, W6MEW
Communications Van MDARC-1 - Jim Tittle, K6SOE
Digital Media - Grant Bowman, K6CBK
Education & Training - **vacant**
Field Day - Larry Loomer, KI6LNB
Good & Welfare - Diana Sage, KA6TZU
Holiday Dinner - Misa Siemons, KJ6BUE
License Testing - Larry Loomer, KI6LNB
Outreach - Dick Wade, WM6G
Programs - Michael Papp, WB6GJE
Public Service - Larry Loomer, KI6LNB
Radio Equipment Lending - Cal Vasquez, K6VT
Refreshments - Elizabeth Styles, KG6HLV
Scholarship - Janice Fujii, KG6VTD
Technical Committee - Jim Tittle, K6SOE
Volunteer Classes - Dick Wade, WM6G
W6CX Repeater Trustee - Jim Tittle, K6SOE
W6LGW Callsign Trustee - Larry Loomer, KI6LNB

The Carrier Newsletter
Editor - Matthew G. Vurek, N4DLA
n4dla_cs245@yahoo.com
Proofreader - Larry Loomer, KI6LNB
Printing & Distribution - Jan Kulisek, KM6NFC

Digital Amateur Television Help and Information:
Fred Coe, WB6ASU wb6asu@icloud.com

President's Message



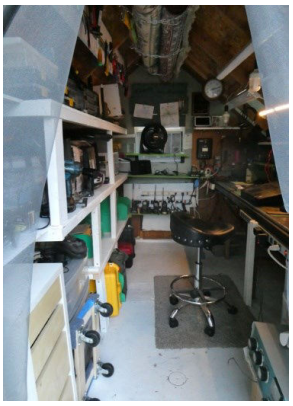
September 2025
MDARC Family,

DONE! Well, almost. In the June edition of the President's Message, I wrote about the need to "clean out ye olde Ham Shack" and quite frankly procrastinated until the beginning of August. I knew it was going to be a "painful" and laborious project, fraught with misgivings and new challenges. But, at the same time, I knew that perseverance would pay off with a better ham radio work area and a feeling of accomplishment. It was an opportunity to "tear down and build up." For me, that space also serves as my secondary office space and overall "hidey space" and I am writing this Message from that location.

Perhaps not for you, but for me, "tear down" meant taking everything out of the ham shack and actually touching it and deciding its fate. I use three categories:
1) definitely keep it
2) definitely dispose of it (e-water or other)
3) definitely share it (give away, raffle)

I quickly learned that I did not have enough tables to stage everything coming out of the ham shack and I soon had to resort to large tarps and any flat spot I could find.
As expected, once everything was removed and before things were back inside, this was the opportunity to improve the storage ability. So, this is what it looks like before moving the "saved" gear back into the shack. As expected, as items were brought inside, there was more storage tweaking that needed to be done. [Of course, every ham shack can be used to store carpets and one of these carpets will be used down the middle of the shack to give it a sense of "hominess," less noise, and a better surface for the chair.

As of this writing, am I done? Not yet because I wanted to re-evaluate the solar-battery bank set up I've had for a long time. I've been reading a very helpful book Off-Grid Solar Power Simplified by Nick Seghers [CleverSolarPower.com] to get a better idea on how to better set up my system and make it safer.



So, with this ham shack project, who are the Winners? Certainly, me because I was able to make decisions (sometimes hard ones) on what really mattered to me as I pursue this ham radio hobby. Therefore, good equipment using modes for which I will never be technically competent or does not provide enjoyment went on the "chopping block." But also, readers like you benefited because lots of this equipment and gear is in good condition and periodically will be used in the raffles held at the in-person General Membership meetings. Look for future announcements of what will be available and when.

(continued on following page)

Again, I want to remind you of the upcoming MDARC elections. Below are the Election Board members They will be glad to receive your nomination for yourself or for somebody else.

ELECTION COMMITTEE

Barb Whysong, K6WHY	bwhysong@gmail.com
Benjo Sevilla, KA6BJS	ka6bjs@gmail.com
Larry Bradley, KK6QPE	kk6qpe@gmail.com

OFFICE
President
Vice President
Secretary
Treasurer
Emergency Coordinator
Director at Large
Director at Large

Note: I announced at the October Board Meeting that I will not run for Club President in 2026.

Did you sign up for PACIFICON? If not, do it soon. Consider being a volunteer to help make for an even more successful event. See page 6 for information.

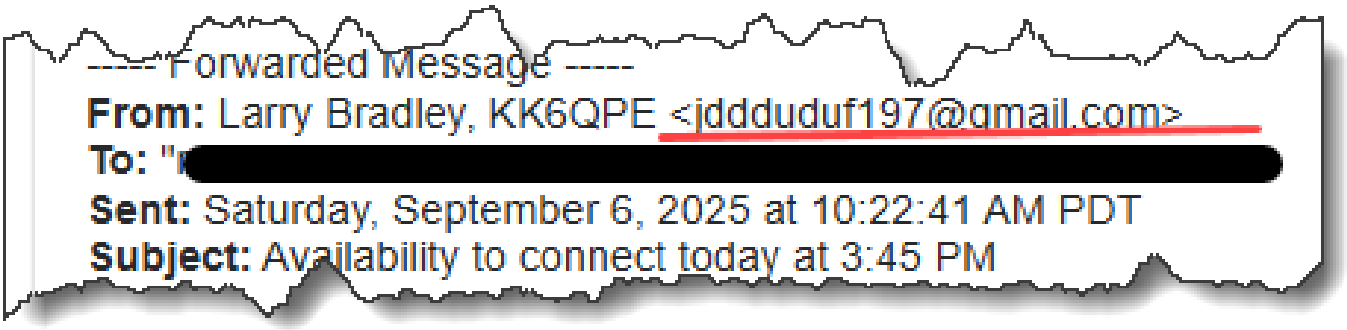
See our https://www.pacificon.org for details on the best ham radio convention in the Western United States since 1920. F**riday through Sunday Oct 10-12, 2025. Registration is open. See flyer on page 7.**

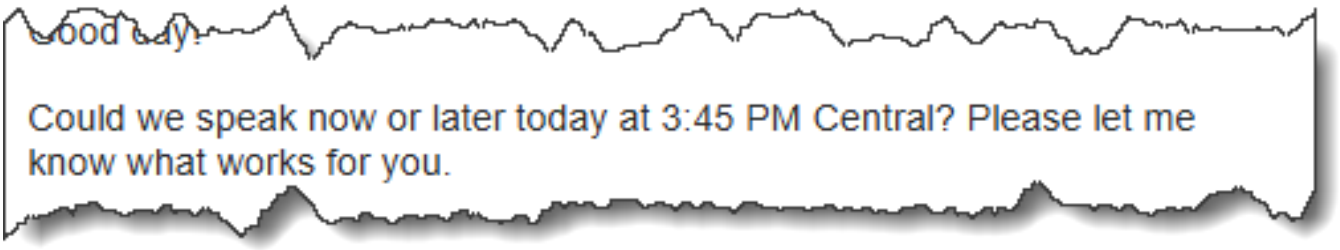
MDARC recently participated in Save Mt. Diablo's **Moonlight on the Mountain** which is a gourmet dinner and auction event and a major fundraising event for SMD. This event is atypical of our usual public service events because generally we have minimal "on-the-air" exchanges with Net Control. This is not the case with this event since radio operators stationed along a hilly single-lane dirt road in the foothills of Mt. Diablo State Park are frequently in communication with Net Control to coordinate bus traffic along this dirt road. Net Control [IC in this case] is done by the San Ramon Valley Fire Department and conducted inside s CS-131B asset.

This is Macedo Gate in Mt. Diablo State Park where the dirt road begins as it winds its way up to the event venue at China Wall.

(continued on following page)

Scammer alert: In the latest scam attempt, some members received emails purportedly from me asking that they reply back to the sender at a specific time. You will notice that although it correctly shows my name and callsign which is readily available from MDARC's website, the Sender's email is not my email address.
Don't be fooled. Avoid and delete these type of emails.





73,

09/09/25
Larry Bradley KK6QPE
President

PACIFICON VOLUNTEERS NEEDED !

Do you love amateur radio? Do you want to be part of PACIFICON? If you're looking for an opportunity to meet others with the same passion for radio as you, or you are interested in learning more, then consider volunteering for one of California's largest Amateur Radio conventions. You don't need to know Morse Code, or have years of experience as an amateur radio operator to help make PACIFICON a success this year.

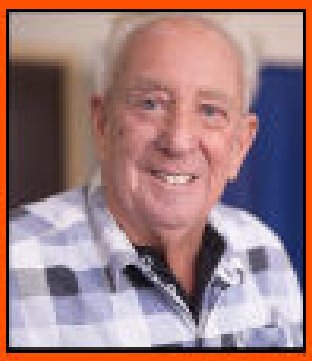
Volunteer Opportunities during the convention range from security, guest registration, kit building, and much more.

All volunteers must pay for their attendance badge in advance. If you volunteer four (4) hours, verified by your chair, you can get a reimbursement *after* the event.

If you can help, please click on the link below:
https://www.pacificon.org/registration/volunteers

Would you like to represent our club at PACIFICON?
Check out the link below:
https://www.mdarc.org/activities/pacificon-table

PACIFICON℠ 2025



All Day Friday
Antenna Seminar

Saturday Breakfast
with Gordon West

QRP activities return

Friday evening
MDARC Meeting

Latest
Ham Radio
Equipment for Sale

Ham License Testing

Get-On-The-Air
Special Events Station

PACIFICON 25 MDARC
SAN RAMON CA
AMATEUR RADIO CONVENTION

ARRL PACIFIC DIVISION HAM RADIO CONVENTION

Experience three great days of activities at Pacificon!!

Produced by the Mt. Diablo Amateur Radio Club

October 10, 11 & 12, 2025
San Ramon Marriott
2600 Bishop Drive
San Ramon, California 94583

GENERAL ADMISSION:
$35 IN ADVANCE - FOR ALL 3 DAYS!

Tickets at the door will cost $45; 17 years old & under are free;
College Students with valid student ID (25 & under): $5

** *Some events have additional cost* **

If you need hotel accommodations
either reserve your room on-line through
www.pacificon.org, or call Marriott Hotel Reservations
at 925-867-9200, by Sept 17, 2025 (per availability)
to ask for the Special Pacificon rate of $174/night

Go to the Pacificon Website for
Events - Schedules - Registration
WWW.PACIFICON.ORG

** *Events are subject to change – check website* **
For current "Pacificon Rules and Policies" see website

Outstanding
Technical Forums

Sunday
Swap Meet

Electronics
Kit Building

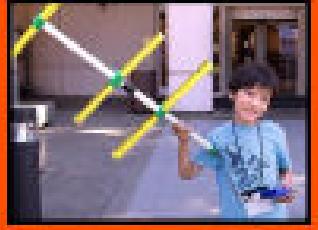
Scouts-On-The-Air &
Merit Badge Class

Gordon West's
Ham Instructor Academy

Saturday Banquet
with Keynote Speaker

One Day Technician
License Prep Class

T-Hunts!
Saturday & Sunday



PUBLIC SERVICE EVENTS

Dick Collins Firetrails 50M
Saturday, September 27, 2025
Running race in the Oakland Hills
Radio Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
Scena Performance https://scenaperformance.com/events/dick-collins-firetrails

Mount Diablo Challenge
Sunday, October 5, 2025
Bicycle race from Danville, CA, up Mt. Diablo
Radio Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
https://www.mountdiablochallenge.org

Mothers Against Drunk Driving (MADD) Walk
Sunday, October 5, 2025
Walk From and To Civic Park, Walnut Creek, CA
Radio Coordinator: Larry Loomer, KI6LNB. **Net Control: Looking for a ham volunteer**
https://give.madd.org/bayarea

Diablo Summit Stomp
Saturday, October 18, 2025
Running Race from Castle Rock Park, Walnut Creek, CA
Radio Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
Brazen Racing https://brazenracing.com/summitstomp/

Lake Chabot Trail Run
Saturday, November 8, 2025
Running Race in the Oakland Hills
Radio Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
https://runsignup.com/Race/CA/CastroValley/LakeChabotTrailRun

MDARC Board of Directors Meeting August 4, 2025

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:00 pm by Larry Bradley KK6QPE after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shots: Officers: Larry Bradley KK6QPE, President; Brian Lotter KM6NGS, Secretary; Barbara Whysong K6WHY, Treasurer; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Trevor Hall WA6JAU, Director at Large. Committee Chairs/ Coordinator: None. Guests: Mike Patterson N6JGA; Dave WA6UHA; John Rio N6RIO.

3. Approval of Minutes from Last Meeting: The minutes of the July Board of Directors Meeting were approved since no objections were heard.

4. Adopt Tonight's Agenda: The agenda was adopted since no objections were heard.

5. Officer Reports:
a. President Larry Bradley KK6QPE – announced that he may not be able to attend PACIFICON this year because it is possible that he will need to stay with his dad in October.
b. Vice-President Michael Papp WB6GJE – Was not present but had no Vice President's report.
c. Secretary Brian Lotter KM6NGS – Had no report.
d. Treasurer Barbara Whysong K6WHY – Barbara presented the following report [see following page].
e. Emergency Coordinator Report: Larry KI6LNB had no report.
f. Directors at large reports: Mike Warren W6MEW – Had no report. Trevor Hall WA6JAU – Had no report. Mark Fehlig WA6NGC – Was absent. Cal Vasquez K6VT – Was absent.

6. Committee Reports:
a. Auction: No report was expected. b. Communications Trailer: There was no report.
c. Digital Media: There was no report.
f. Education and Training: Larry KK6QPE reported that the Amateur Extra class is a little more than half way.
g. Election Committee: No report was expected.
h. Field Day: Larry KI6LNB agreed to check with Dick Wade to see if the required information has been sent to ARRL.
i. Holiday Banquet: No report was expected.
j. License Testing: Larry KI6LNB reported that the next License testing will be done at our General meeting on August 15th.
k. Membership: Jan KM6NFC sent the following report via email; Paying members 245; All current members 302; New members this year 15; Renewals last 30 days 2; Past due 74; Lifetime + Honorary members 12.
l. Mesh Committee: There was no report. m. Outreach: No report was expected.
n. PACIFICON: Mike N6JGA reported that they are beginning to populate the website with current information. Trevor reported that he had received a list of suggested speakers for the Antenna forum.
o. Programs: Michael WB6GJE sent the following report via email; he has Riley Hollingsworth for August and for October at the Pacificon General Meeting, he has Michelle Thompson. Her LinkedIn profile can be seen and her current efforts at the Open Research Institute can also be viewed. He is working with a list of potential speakers for September and November.
p. Public Service: Larry KI6LNB reported that the next events are as follows; Moonlight on the mountain on September 6th, the Dick Hollins Fire Trails run in the Oakland Hills on September 27th, the Mount Dialo Challenge bike race on October 5th and the Diablo Summit Stomp which starts at Castle Rock Park in Walnut Creek on October 18th.
q. Radio Lending Library: There was no report. r. Rocky Ridge Repeater (Tech): There was no report.
s. Scholarship: No report was expected.

(continued on following page)

10. Unfinished Business:
10.1 Should we provide MDARC club name tags for new members, existing members, etc.: Brian KM6NGS reported that he has received the 16 badges, for those who responded to Larry Bradley's email, and they will be available for pickup at the next meeting. Barbara confirmed that she needs to put a placeholder in the 2026 budget for badges for new members and for Board members.
10.2 Has the webpage been updated? How can members indicate that they prefer to be anonymous? Barb had no update.
10.3 Asset List: Inventory vs Asset? Dollar cutoff amount. STATUS REPORT; this has been deferred until later.
10.4 $3,500 anonymous donation to MDARC: what to use it for, etc.; Barb reported that there is a balance of $1,383.60 of which $1,145.00 is allocated for the Technician class license fees.
10.5 General Membership Meeting Format: The new meeting format appears to be working well except that the Financial and the Membership reports have not been displayed at the last two meetings. This issue is expected to be resolved before the next meeting. Larry explained that he doesn't have any equipment that he is willing to raffle right now. He also asked for any suggestions for improvement. Trevor asked that they be informed up front, of whether the speaker will be live or remote so that they can set it up ahead of the meeting. It was noted that Michael Papp probably knows this and could inform them before the meeting.
10.6 October General Membership Meeting will be at PACIFICON on Friday 10/10/2025 instead of 10/17/2025: As reported in 8.o. above, Michael WB6GJE reported that he has Michelle Thompson as the speaker.
10.7 Board Nametags: The cost would be approximately $144 and it was decided that the 2026 Board could finalize this. Mike W6MEW, seconded by Brian KM6NGS, proposed a motion that we buy nametags, for the 2026 board of directors, with their titles on them. The motion carried unanimously.

11 New Business:
11.1 Moving savings account to another CD to get more interest: Interest on savings = 0.08%.
Current CDs; CD#1: 4.00% interest, matures 9/28/25. CD#2: 3.89% interest, matures 10/14/25.
Barb proposed buying another 3-month CD, in the middle of August, with the cash in our savings account so that we would have a CD maturing every month in case we needed the cash. The interest that we would get is much more than the 0.08% that we get from our savings account. After some discussion, Mike W6MEW, seconded by Brian KM6NGS, proposed a motion that we buy a third CD for $18,456.04, leaving $10,000 in the regular savings account. The motion was carried unanimously.
11.2 Repeater donations Tracking? How used, accountability? Relation to budget item
In answer to the above questions Barb agreed to produce numbers for the next Board Meeting.
11.3 Option for free or reduced cost nametags for renewing members: There was much discussion of the costs for providing this option for renewing members and their families. It was decided that it is difficult to establish the cost of this proposal and in order to allow more time to think about this, it was decided that this will be determined at a later date.

12. Good of the Order: Nothing was heard.

13. Adjournment:
Mike W6MEW seconded by Barb K6WHY, proposed a motion to adjourn.
The motion was carried unanimously.
Meeting Adjourned at 8:29 pm.

Respectfully submitted by
Brian Lotter KM6NGS
Secretary, August 17, 2025.
These meeting minutes were signed digitally due to the digital meeting

Balance Sheet
July 31, 2025

ASSETS		
Current Assets		
Equipment Self-Ins Fund		$66,430.39
CD 1 (3578)	$22,132.04	
CD 2 (8529)	$44,298.35	
MDARC Savings		$28,456.04
MDARC Checking		$70,947.23
Total Current Assets		$165,833.66
TOTAL ASSETS		**$165,833.66**
LIABILITIES		**$0.00**
NET ASSETS		**$165,833.66**
Increase/Decrease from prev month		$4,783.82

MDARC General Meeting Minutes July 18, 2025

Held as a hybrid Zoom and in-person meeting

1. Call to Order: The meeting was called to order at 7:00 pm by the MDARC president Larry Bradley KK6QPE.
a. Welcome to all: Larry KK6QPE welcomed all attendees.
b. Pledge of Allegiance: This was made by attendees.
c. Safety, Exits, Rest Rooms: Larry KK6QPE indicated the positions of the emergency exits and restrooms.
d. Acknowledge new members: Ken KO6JQP was acknowledged.
e. Acknowledge visitors: There were no visitors.

2. Minutes from Last Meeting: The minutes from the June meeting were previously approved by the Board.

3. Reports from the Board: Larry KK6QPE asked if any Board Members had a report. There were no reports from Board members: President Larry Bradley KK6QPE, Vice President Michael Papp WB6GJE, Secretary Brian KM6NGS, Treasurer Barbara Whysong K6WHY, Emergency Coordinator Larry KI6LNB. Directors Mike Warren, W6MEW; Trevor Hall, WA6JAU; Cal Vasquez, K6VT; Mark Fehlig, WA6NGC.

4. Committee Reports – Standing:
a. Pacificon: Larry KK6QPE announced that they are looking for volunteers for the October meeting this year and a chairperson for the 2026-2027 year.
b. Public Service: Larry Loomer KI6LNB announced that they will be supporting the Skyline 50k running race in the Oakland Hills on Sunday, August 3, 2025 and Moonlight on the mountain on September 6th, which is a fund raiser for save mount diablo.
c. License Testing: Larry Loomer KI6LNB announced that 1 Technician, 1 General and 1 Amateur Extra had all passed their tests tonight. There will also be license testing at the General meeting on Friday August 18.
d. Field Day: Larry Loomer KI6LNB stated that all bills have been paid so all activities have been completed for this year.
e. Membership: Jan Kulisek, KM6NFC reported that we have 243 members, 299 including family members. One new member joined last week. There are still 76 past due members.

5 Open to All Attendees:
Larry KK6QPE thanked Pete Harris KE6ZIW for the excellent GOTA class that he conducted during Field Day.
Mark Fehlig, WA6NGC announced that the California Historical Radio Society will be holding their Radio Day by the Bay tomorrow at Radio Central, 2152 Central Ave. Alameda, CA 94501

6. Adjourn Business Meeting: The meeting was adjourned at 7:17 pm.

Raffle: Equipment; Pie.

Speaker: Mooneer Salem, K6AQ Topic: Free.DV.org

Respectfully submitted by:

Brian Lotter, KM6NGS
Secretary, on August 10, 2025.

Make a difference for yourself, your community and our nation. Do one of the following:

- **Learn your risks and responses**
- **Make a family communications plan**
- **Build an emergency supply kit**
- **Get involved in preparedness in your community**

Register at: www.ready.gov/pledge

FEMA

Ready
Prepare. Plan. Stay Informed.®

citizen corps
UNITING COMMUNITIES PREPARING THE NATION

ESTATE SALE

Astron VS-35M 2 to 15 volts 35 amp power supply $160

Astron RS-35M 35 amp power supply $180

Kenwood IF-232C computer interface $20

Kenwood TS-2000 HF/VHF/UHF Transceiver $800

Kenwood SP-23 external speaker for TS-450 $100

Yaesu G-800DXA rotator controller only (no rotator) $80

Diamond MX-72H HF-VHF/UHF Duplexer $30

Vibroplex Keyer $90

McElroy semi-automatic telegraph key $150

Reasonable offers for any of the above considered. Contact:
Kim Leong, N6YJ, 925-575-1941 or n6yj.qth@gmail.com

Low-Cost Receivers for Digital Amateur Television Reception Available For Sale from Club Member KA3VDT

These are DVB-S2 receivers pre-programmed for our club's 1.2 GHz W6CX DATV repeater frequencies

Connect a 1.2 GHZ directional antenna, aim it at Mount Diablo's North Peak and watch the over the air repeater signal on your video monitor

Please contact Will Roberts at ka3vdt@gmail.com or visit http://laser66.com/ham/

To purchase a DATV transmitter, contact Fred Coe, WB6ASU, at wb6asu@icloud.com

19th Annual

Sacramento Valley

Hamfest!

Saturday, Sept 20, 2025

0700 to 1200 Hours

Presented by Western Placer Amateur Radio Club

65 McBean Park Dr. (Hwy. 193) Lincoln CA

Additional Sponsors
N3FJP
Photo QSL
AccuColor
Chameleon
SteppIR
Sun Forge

Bandstand Parking Lot
Vendor Setup 0600

Drawing Prizes!

Ham Radio Related Stuff Only

No Inflation - Same price every year!

$10 per space-Approximately 9' x 12'

Bring Your Own Tables

Hamfest Info at WWW.WPARC.US

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***Free Shipping and Fast Delivery!**

FTDX101MP | *200W HF/50MHz Transceiver*

• Hybrid SDR Configuration • Unparalleled 70 dB Max. Attenuation VC-Tune • New Generation Scope Display 3DSS • ABI (Active Band Indicator) & MPVD (Multi-Purpose VFO Outer Dial) • PC Remote Control Software to Expand the Operating Range • Includes External Power With Matching Front Speaker

FTDX10 | *HF/50MHz 100 W SDR Transceiver*

• Narrow Band and Direct Sampling SDR • Down Conversion, 9MHz IF Roofing Filters Produce Excellent Shape Factor • 5" Full-Color Touch Panel w/3D Spectrum Stream • High Speed Auto Antenna Tuner • Microphone Amplifier w/3-Stage Parametric Equalizer • Remote Operation w/optional LAN Unit (SCU-LAN10)

FT-991A | *HF/VHF/UHF All Mode Transceiver*

Real-time Spectrum Scope with Automatic Scope Control • Multi-color waterfall display • State of the art 32-bit Digital Signal Processing System • 3kHz Roofing Filter for enhanced performance • 3.5 Inch Full Color TFT USB Capable • Internal Automatic Antenna Tuner • High Accuracy TCXO

FTDX101D | *HF + 6M Transceiver*

• Narrow Band SDR & Direct Sampling SDR • Crystal Roofing Filters Phenomenal Multi-Signal Receiving Characteristics • Unparalleled - 70dB Maximum Attenuation VC-Tune • 15 Separate (HAM 10 + GEN 5) Powerful Band Pass Filters • New Generation Scope Displays 3-Dimensional Spectrum Stream

FT-710 Aess | *HF/50MHz 100W SDR Transceiver*

• Unmatched SDR Receiving Performance • Band Pass Filters Dedicated for the Amateur Bands • High Res 4.3-inch TFT Color Touch Display • AESS: Acoustic Enhanced Speaker System with SP-40 For High-Fidelity Audio • Built-in High Speed Auto Antenna Tuner

FT-891 | *HF+50 MHz All Mode Mobile Transceiver*

Stable 100 Watt Output • 32-Bit IF DSP • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control

FT-3185RASP | *Heavy-Duty 85W 2M FM Transceiver*

• Massive Heatsink Ensures Reliable 85W RF Power • Super-DX Function Increases Receiver Sensitivity & Weak Signal Reception • 221 Memory Channels • Large 6-Character Alpha-Numeric Display

FTM-150RASP | *2M/430MHz FM True Dual Band Xcvr*

• Dual Receivers Allowing (V+V, U+U, V+U, U+V) Operation • 55W VHF & 50W UHF • Heavy Duty Heat Sink w/Funnel Air Convection Conductor • Front & Main Body Speaker for 6W High Quality Audio

FTM-510DRASP *C4FM/FM 144/430MHz Dual Band Xcvr*

• New Super-DX & ASP (Audio Digital Signal Processor Unit) • True Dual Bank Receive (V+V/U+U/V+U/U+V) • C4FM/C4FM Digital D-D Dual Receive • 2.4" High-Res Full-Color Touch-Panel Display • Wireless Operation Capability with Optional Bluetooth® Headset

FT-70DR *C4FM/FM 144/430MHz Xcvr*

• System Fusion Compatible • Large Front Speaker delivers 700 mW of Loud Audio Output • Automatic Mode Select detects C4FM or Fm Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for DC Supply and Battery Charging

FTX-1 Optima | *HF/50/144/430MHz All Mode SDR Xcvr*

• Detachable Field head For QRP SOTA/POTA Adventures • Attach Field Head to SPA-1 For 100 Watts (Base Operations) • SPA-1 Includes Internal HF Antenna Tuner • SSB, CW, AM, FM and C4FM Digital

FTX-1 Field | *HF/50/144/430MHz All Mode SDR Xcvr*

Compact QRP SOTA/POTA Xcvr (8.4"W, 3.5"H, 2.2"D) • 6W (5W for QRP) • Includes 6400mAh High Capacity Li-ion Battery • SSB, CW, AM, FM and C4FM Digital • 10W of Power w/External Power Supply • Upgradable to 100W with Purchase of SPA-1

FT-5DR
C4FM/FM 144/430 MHz Dual Band

• High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-In Bluetooth® Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot

VX-6R | *VHF/UHF Dual Band Hand-Held*

• Big-Radio Features in a Compact Package • Wide-band Receiver Coverage for Catching All the Action! • 900-Channel, 24-Banks Memory System • Outdoor-Ready Features including Waterproof Rating • Smart Search Automatic 31-Channel Scanning/Loading System

5 Ways to Shop!

• RETAIL LOCATIONS – Store hours 10:00AM - 5:30PM - Closed Sunday
• PHONE – Toll-free phone hours 9:30AM - 5:30PM
• FAX – All store locations
• ONLINE – WWW.HAMRADIO.COM
• MAIL – All store locations

YAESU
The radio

ANAHEIM, CA (800) 854-6046	PORTLAND, OR (800) 765-4267	PHOENIX, AZ (800) 559-7388	MILWAUKEE, WI (800) 558-0411	WOODBRIDGE, VA (800) 444-4799	WINTER SPRINGS, FL (800) 327-1917
SACRAMENTO, CA (877) 892-1745	DENVER, CO (800) 444-9476	PLANO, TX (877) 455-8750	NEW CASTLE, DE (800) 644-4476	SALEM, NH (800) 444-0047	ATLANTA, GA (800) 444-7927

*On most orders over $100 in the continental US. (Rural locations excluded.) Contact HRO for promotion details. Toll-free including Hawaii, Alaska and Canada. All HRO 800-lines can assist you. If the first line you call is busy, you may call another. Prices, specifications and descriptions subject to change without notice.

1947 MOUNT DIABLO W6CX AMATEUR RADIO CLUB WWW.MDARC.ORG

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523
www.mdarc.org

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W6CX Nets

M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+

M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+

Monday 8:00 pm SATERN Net 147.060+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+

Wednesday 6:00pm American Legion Veteran's Net 147.060+

Wednesday 7:00 pm SKYWARN Net 147.060+

Wednesday 8:00pm Delta Amateur Radio Club Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters (FM unless otherwise noted)
147.060 MHz + / PL 100Hz
224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz
EchoLink: W6CX-R /133896, IRLP: 3057
DMR Repeater 144.925 offset plus 2.5 MHz color code 1
D-STAR 145.000 offset plus 2.5 MHz
https://w6cx.dstargateway.org/

DATV Internet Stream: **http://w6cxatv.mdarc.org**
YouTube Channel: Media MDARC

Contra Costa County Emergency Communications Nets
Every Thursday

6:30 pm HF Countywide 3.893 MHz LSB
6:45 pm West County 145.110-- (82.5 PL)
7:00 pm Central County 145.680 Simplex
7:00 pm East County 146.535 Simplex
7:00 pm South County 147.480 Simplex
7:20 pm Countywide 145.490-- (107.2 PL)
or 147.735-- (107.2 PL)
or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)
Wednesday 8:00pm 147.405 Simplex

Digital Amateur Television Repeater

Digital ATV Output: 1244.500
Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0
Analog ATV Input: 1270.000 FM (PL 192.8)

September and October 2025 Club Calendar

Friday September 19, 2025 7:00pm MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette

Saturday October 4, 2025	8:00am	MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE
Monday October 6, 2025	6:30pm	MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE
Friday October 10, 2025	7:00pm	MDARC General Meeting - **(one week early) AT PACIFICON !** Marriott Hotel San Ramon 2600 Bishop Drive, San Ramon